# IAP20 Rec'd PCT/PTO 01 JUN 2006

Docket No.: 5259-000065/US/NP

(PATENT)

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Hiroji MASUDA et al.

Application No.: National Phase of

PCT/JP2005/011135

Filed: Concurrently Herewith

For: INLINE REPEATER AND OPTICAL FIBER
COMMUNICATION SYSTEM

Art Unit: N/A

Confirmation No.: N/A

Examiner: Not Yet Assigned

#### INFORMATION DISCLOSURE STATEMENT (IDS)

MS PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark Office has waived this requirement for all U.S. patent applications. Applicant submits herewith copies of foreign and non-patents in accordance with 37 CFR 1.98(a)(2).

### 10/581327

Application No.: National Phase of PCT/JP2005/011135Docket No.: 5259-000065/US/NP

A summary/abstract translation of any non-English language references is enclosed.

A concise explanation of relevance of the items listed on form PTO/SB/08 is (1) given for each listed item and (2) in the form of an English language copy of a Search Report from a foreign patent office, issued in a counterpart application, which refers to the relevant portions of the references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 08-0750, under Order No. 5259-000065/US/NP.

Applicant believes no fee is due with this response. However, if a fee is due, please charge our Deposit Account No. 08-0750, under Order No. 5259-000065/US/NP from which the undersigned is authorized to draw.

Dated: June 1, 2006

GAS/dI

Respectfully submitted,

Gregory A. Stobbs Registration No.: 28,764

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PTO/SB/08a/b (07-05)
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l				Application Number	Not Yet Assigned 52/			
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s	STATEMENT BY APPLICANT			First Named Inventor	Hiroji Masuda			
				Art Unit	N/A			
	(Use as many sheets as necessary)			Examiner Name	Not Yet Assigned			
Sheet	1	of	2	Attorney Docket Number	5259-000065/US/NP			

U.S. PATENT DOCUMENTS								
Examiner Cite Initials* No.1		Document Number  Number-Kind Code <sup>2</sup> ( if known)	Publication Date Name of Patentee or MM-DD-YYYY Applicant of Cited Docume		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
	AA*	US-2001/0036347-A1	11-02-2001	Hansen et al.				
	AB*	US-6,882,466-B1	04-19-2005	S. Naomasa et al.				
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Examiner	Cite No.1	Foreign Patent Document	Publication	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	П
Initials*		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Date MM-DD-YYYY			T°
	BA	JP-2001-27770 A	01-30-2001			Н
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	BN	JP-2002-280652 A	09-27-2002			П

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. \*CTE NO.5 Those application(s) which are marked with an single asterisk (\*) next to the Cite No.a end supplied under 3° CFR 1969(x)(x)(s) because that application was filed after June 30, 2003 of a vasibable in the "Applicants" application was filed after June 30, 2003 of a vasibable in the "Applicants" applicants was filed after June 30, 2003 of a vasibable in the "Applicants" applicants was filed after June 30, 2003 of a vasibable in the "Applicants" applicants was filed after June 30, 2003 of a vasibable in the "Applicants" and "Applicants and "Applicants" and "

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	CA	H. Masuda et. al., "Optical SNR enhanced amplification in WDM transmission experiment using 1580 nm band hybrid 35, No. 5, March 4, 1999	d amplifier", Ele	ctronics Letter, Vol.					
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	cc	M.D. Mermelstein et. al., "RIN transfer analysis in pump depletion regime for Raman fibre amplifiers", Electronics Letters, Vol. 38, No. 9, April 25th, 2002							
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Examiner Signature		bret Woldekidan/	Date Considered	06/15/2009					

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S	STATEMENT BY APPLICANT			First Named Inventor	Hiroji Masuda	
ı				Art Unit	N/A	
	(Use as many she	eets as	necessary)	Examiner Name	Not Yet Assigned	
Sheet	2	of	2	Attorney Docket Number	5259-000065/US/NP	

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CF	Y. Ohki et. al., "Increase of Relative Intensity Noise after Fiber Transmission in Co-propagating Raman Pump Lasers", Optical Society of America, Optical Amplifilers and their Applications Topical Meeting, Postdeadline Papers, Vancouver, Canada, July 14-17, 2002	
CG	R.H. Stolen, "Nonlinearity in Fiber Transmission", Proceedings of the IEEE, Vol. 68, No. 10, October, 1980	
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner Signature	/Hibret Woldekidan/	Date	06/15/2009
Oignature		Considered	00/10/2003

<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.